

## RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number: 10/585,693  
Source: FWP  
Date Processed by STIC: 4/27/07

# ***ENTERED***



IFWP

## RAW SEQUENCE LISTING

DATE: 04/27/2007

PATENT APPLICATION: US/10/585,693

TIME: 11:46:24

Input Set : A:\10-585,693 Sequence Listing.txt

Output Set: N:\CRF4\04272007\J585693.raw

3 &lt;110&gt; APPLICANT: KANEKA CORP.

5 &lt;120&gt; TITLE OF INVENTION: TRANSGENIC BIRD AND METHOD OF CONSTRUCTING THE

SAME

7 &lt;130&gt; FILE REFERENCE: Q95455

9 &lt;140&gt; CURRENT APPLICATION NUMBER: 10/585,693

10 &lt;141&gt; CURRENT FILING DATE: 2006-07-10

12 &lt;150&gt; PRIOR APPLICATION NUMBER: PCT/JP2004/016438

13 &lt;151&gt; PRIOR FILING DATE: 2004-11-05

15 &lt;150&gt; PRIOR APPLICATION NUMBER: JP 2004-003045

16 &lt;151&gt; PRIOR FILING DATE: 2004-01-08

18 &lt;160&gt; NUMBER OF SEQ ID NOS: 18

20 &lt;170&gt; SOFTWARE: PatentIn version 3.3

22 &lt;210&gt; SEQ ID NO: 1

23 &lt;211&gt; LENGTH: 28

24 &lt;212&gt; TYPE: DNA

25 &lt;213&gt; ORGANISM: Artificial Sequence

27 &lt;220&gt; FEATURE:

28 &lt;223&gt; OTHER INFORMATION: Designed sequence of a 5'-primer incorporating the

Sali I

29 recognition site at the 5' terminal used for PCR amplification of

30 the chicken b-actin promoter fragment lacking the intron

32 &lt;400&gt; SEQUENCE: 1

33 acgcgtcgac gtgcatgcac gtcattg

28

36 &lt;210&gt; SEQ ID NO: 2

37 &lt;211&gt; LENGTH: 26

38 &lt;212&gt; TYPE: DNA

39 &lt;213&gt; ORGANISM: Artificial Sequence

41 &lt;220&gt; FEATURE:

42 &lt;223&gt; OTHER INFORMATION: Designed sequence of a 3'-primer incorporating the

Sali I

43 recognition site at the 5' terminal used for PCR amplification of

44 the chicken b-actin promoter fragment lacking the intron

46 &lt;400&gt; SEQUENCE: 2

47 acgcgtcgac aacgcagcga ctcccg

26

50 &lt;210&gt; SEQ ID NO: 3

51 &lt;211&gt; LENGTH: 61

52 &lt;212&gt; TYPE: DNA

53 &lt;213&gt; ORGANISM: Artificial Sequence

55 &lt;220&gt; FEATURE:

56 &lt;223&gt; OTHER INFORMATION: Designed oligonucleotide acting as a sense chain

in annealing to

57 construct the coding fragment of the chicken lysozyme secretion

58 signal

60 &lt;400&gt; SEQUENCE: 3

```
61 ctagaccatg aggtctttgc taatcttggt gctttgcttc ctgcccctgg ctgctctggg 60
63 g 61
66 <210> SEQ ID NO: 4
```

## RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/585,693

DATE: 04/27/2007

TIME: 11:46:24

Input Set : A:\10-585,693 Sequence Listing.txt

Output Set: N:\CRF4\04272007\J585693.raw

```

67 <211> LENGTH: 57
68 <212> TYPE: DNA
69 <213> ORGANISM: Artificial Sequence
71 <220> FEATURE:
72 <223> OTHER INFORMATION: Designed oligonucleotide acting as an anti-sense
chain in
73     annealing to construct the coding fragment of the chicken
74     lysozyme secretion signal
76 <400> SEQUENCE: 4
77 cccagagca gccaggggca ggaagcaaag caccaagatt agcaaagacc tcatggt      57
80 <210> SEQ ID NO: 5
81 <211> LENGTH: 26
82 <212> TYPE: DNA
83 <213> ORGANISM: Artificial Sequence
85 <220> FEATURE:
86 <223> OTHER INFORMATION: Designed sequence of a 5'-primer incorporating the
Dra I
87     recognition site at the 5' terminal used for PCR amplification of
88     the scFv coding fragment
90 <400> SEQUENCE: 5
91 gcgttttaaag tgacgttgga cgtccg      26
94 <210> SEQ ID NO: 6
95 <211> LENGTH: 29
96 <212> TYPE: DNA
97 <213> ORGANISM: Artificial Sequence
99 <220> FEATURE:
100 <223> OTHER INFORMATION: Designed sequence of a 3'-primer incorporating
the BamHI
101     recognition site at the 5' terminal used for PCR amplification of
102     the scFv coding fragment
104 <400> SEQUENCE: 6
105 attaggatcc gcgcttaagg acggtcagg      29
108 <210> SEQ ID NO: 7
109 <211> LENGTH: 18
110 <212> TYPE: DNA
111 <213> ORGANISM: Artificial Sequence
113 <220> FEATURE:
114 <223> OTHER INFORMATION: Designed sequence of a 5'-primer used for PCR
amplification of
115     the coding fragment of the human antibody heavy chain fA1
116     constant region
118 <400> SEQUENCE: 7
119 caagcttcaa gggcccat      18
122 <210> SEQ ID NO: 8
123 <211> LENGTH: 19
124 <212> TYPE: DNA
125 <213> ORGANISM: Artificial Sequence
127 <220> FEATURE:
128 <223> OTHER INFORMATION: Designed sequence of a 3'-primer used for PCR
amplification of
129     the coding fragment of the human antibody heavy chain fA1
130     constant region
132 <400> SEQUENCE: 8

```

133 atttaccgga agacagga

19

## RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/585,693

DATE: 04/27/2007

TIME: 11:46:24

Input Set : A:\10-585,693 Sequence Listing.txt

Output Set: N:\CRF4\04272007\J585693.raw

```

136 <210> SEQ ID NO: 9
137 <211> LENGTH: 35
138 <212> TYPE: DNA
139 <213> ORGANISM: Artificial Sequence
141 <220> FEATURE:
142 <223> OTHER INFORMATION: Designed sequence of a 5'-primer incorporating
the BamH I
143 recognition site at the 5' terminal used for PCR amplification of
144 the coding fragment of the human antibody heavy chain fA1 Fc
145 region
147 <400> SEQUENCE: 9
148 attaggatcc gagcccaat cttgtgacaa aactc 35
151 <210> SEQ ID NO: 10
152 <211> LENGTH: 30
153 <212> TYPE: DNA
154 <213> ORGANISM: Artificial Sequence
156 <220> FEATURE:
157 <223> OTHER INFORMATION: Designed sequence of a 3'-primer incorporating
the Hind III
158 recognition site at the 5' terminal used for PCR amplification of
159 the coding fragment of the human antibody heavy chain fA1 Fc
160 region
162 <400> SEQUENCE: 10
163 agcaagcttt catttaccgc gagacagggg 30
166 <210> SEQ ID NO: 11
167 <211> LENGTH: 30
168 <212> TYPE: DNA
169 <213> ORGANISM: Artificial Sequence
171 <220> FEATURE:
172 <223> OTHER INFORMATION: Designed sequence of a 5'-primer used for PCR
amplification of a
173 393 bp fragment in the gene of scFv
175 <400> SEQUENCE: 11
176 gtcttattag cgggtgctggt agtagcaca 30
179 <210> SEQ ID NO: 12
180 <211> LENGTH: 25
181 <212> TYPE: DNA
182 <213> ORGANISM: Artificial Sequence
184 <220> FEATURE:
185 <223> OTHER INFORMATION: Designed sequence of a 3'-primer used for PCR
amplification of a
186 393 bp fragment in the gene of scFv
188 <400> SEQUENCE: 12
189 gagacttctg ctggtaccag ccata 25
192 <210> SEQ ID NO: 13
193 <211> LENGTH: 30
194 <212> TYPE: DNA
195 <213> ORGANISM: Artificial Sequence
197 <220> FEATURE:
198 <223> OTHER INFORMATION: Designed sequence of a 5'-primer used for PCR
amplification of a
199 311 bp fragment in the gene of GFP
201 <400> SEQUENCE: 13

```

202 agtcaccct gaaattcatc tgcaccactg

30

## RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/585,693

DATE: 04/27/2007

TIME: 11:46:24

Input Set : A:\10-585,693 Sequence Listing.txt

Output Set: N:\CRF4\04272007\J585693.raw

```

205 <210> SEQ ID NO: 14
206 <211> LENGTH: 30
207 <212> TYPE: DNA
208 <213> ORGANISM: Artificial Sequence
210 <220> FEATURE:
211 <223> OTHER INFORMATION: Designed sequence of a 3'-primer used for PCR
amplification of a
212      311 bp fragment in the gene of GFP
214 <400> SEQUENCE: 14
215 gttgtattcc agcttgtggc cgagaatgtt
218 <210> SEQ ID NO: 15
219 <211> LENGTH: 27
220 <212> TYPE: DNA
221 <213> ORGANISM: Artificial Sequence
223 <220> FEATURE:
224 <223> OTHER INFORMATION: Designed sequence of a 5'-primer used for PCR
amplification of a
225      355 bp fragment in the gene of GFP
227 <400> SEQUENCE: 15
228 caacactggt cactaccttc acctatg
231 <210> SEQ ID NO: 16
232 <211> LENGTH: 25
233 <212> TYPE: DNA
234 <213> ORGANISM: Artificial Sequence
236 <220> FEATURE:
237 <223> OTHER INFORMATION: Designed sequence of a 3'-primer used for PCR
amplification of a
238      355 bp fragment in the gene of GFP
240 <400> SEQUENCE: 16
241 acggatccat cctcaatgtt gtgtc
244 <210> SEQ ID NO: 17
245 <211> LENGTH: 26
246 <212> TYPE: DNA
247 <213> ORGANISM: Artificial Sequence
249 <220> FEATURE:
250 <223> OTHER INFORMATION: Designed sequence of a 5'-primer used for PCR
amplification of a
251      317 bp fragment in the gene of ovalbumin
253 <400> SEQUENCE: 17
254 cgctttgata aacttcagg attcgg
257 <210> SEQ ID NO: 18
258 <211> LENGTH: 27
259 <212> TYPE: DNA
260 <213> ORGANISM: Artificial Sequence
262 <220> FEATURE:
263 <223> OTHER INFORMATION: Designed sequence of a 3'-primer used for PCR
amplification of a
264      317 bp fragment in the gene of ovalbumin
266 <400> SEQUENCE: 18
267 catctagctg tcttgcttaa gcgtaca

```



**VERIFICATION SUMMARY**

PATENT APPLICATION: US/10/585,693

DATE: 04/27/2007

TIME: 11:46:25

Input Set : A:\10-585,693 Sequence Listing.txt

Output Set: N:\CRF4\04272007\J585693.raw